

Amendments to the Specification

Starting at page 6, line 25:

01 The anastomosis device 10 is made of a pseudoelastic or superelastic alloy, such as ~~Nitenol~~ Nitinol or other pseudoelastic or superelastic material. The superelastic or pseudoelastic device 10 will self deform through superelastic or pseudoelastic behavior from the constrained insertion configuration illustrated in FIG. 1 to the expanded configuration illustrated in FIG. 2 when the constraining device or deployment tool is removed. The anastomosis device 10 formed of the superelastic or pseudoelastic material is formed in the final shape illustrated in FIG. 2 and is then isothermally deformed by constraining in a tube or other deployment tool in the substantially cylindrical shape illustrated in FIG. 1. The need for temperature control is avoided since the anastomosis device 10 reforms the deployed shape of FIG. 2 spontaneously when removed from the constraining tube. This allows the accurate placement of the anastomosis device 10 ~~spontaneous~~ spontaneously and nearly instantaneously upon deployment of the device. The need for a mechanical deployment device to mechanically deform the anastomosis device from the insertion configuration to the deployed configuration is also avoided.